

REMARKS

Interview

An interview is solicited prior to action on this amendment.

Previous Election of Species

Previously, applicant elected Species 3, consisting of Figure 4 (identified as a third embodiment).

Amendments

Claims have been cancelled without prejudice.

Claim 1 has been amended as discussed below.

New claims, which read on Figure 4, are added.

No new matter is entered by these amendments.

Claim Rejections - 35 USC § 103

Claims 1 and 8-12 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Whitcomb (US4173212).

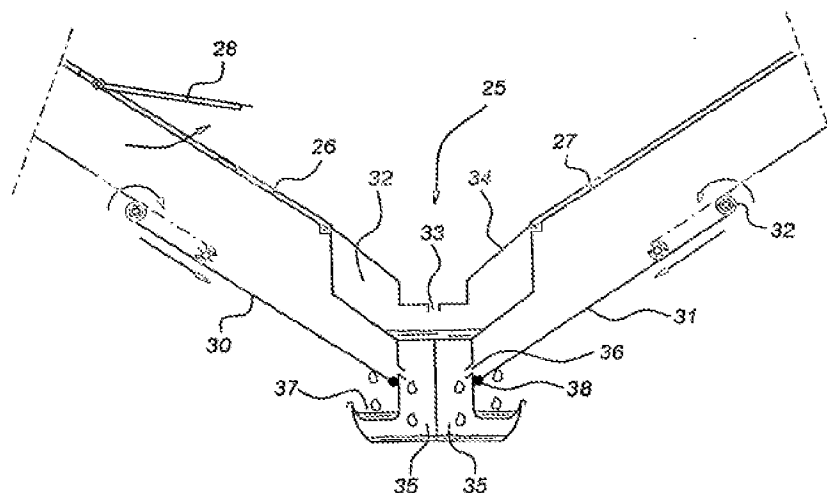
The present invention provides a green house, which is constructed to prevent the rising of the temperature therein. According to the invention, to control the temperature, there is provided i) a liquid film layer spread over the inner surface of two spaced panels, and ii) a free space defining an insulation gap (i.e., an air layer) between the surface of the liquid film layer and the outer, exterior panel. In the present invention,

the partition separates an interior of a building construction from surroundings of the building construction, and the partition is installed at an inclination. Further, the internal separation wall provided with the liquid film layer is adjacent to the interior of said building construction.

In contrast, Whitcomb teaches a partition for separating two areas. Although water droplets are moved between the partition surfaces, there is no disclosure of a liquid film layer being moved between the partition surfaces.

Only the present invention teaches to control the temperature of a green house by providing i) a layer of water spread over the inner surface (30,31) of two spaced panels, and ii) a free space defining an insulation gap between the surface of the layer of water and the outer, exterior panel.

Fig 4



This liquid film layer, e.g., water layer, may be at least 0.5 mm or 0.5-1 mm thick, for instance. Alternatively, the thickness may be 3 mm. Such a liquid layer thickness provides a kind of translucent plate heat exchanger to keep the temperature inside the green house under control.

The prior art does not teach or suggest this liquid layer, or the recited liquid layer thicknesses.

In Whitcomb the teaching is for droplets. There is no suggestion of a liquid film layer.

Accordingly, the invention of claim 1 is non-obvious. The features of the new dependent claims are also believed to be non-obvious insofar as the prior art does not teach or suggest the recited features.

Reconsideration and allowance of the pending claims are respectfully solicited.

Summary

This response is believed to be fully responsive and to put the case in condition for allowance. Entry of the amendment, and an early and favorable action on the merits, are earnestly requested. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Should there be any matters that need to be resolved in the present application; the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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